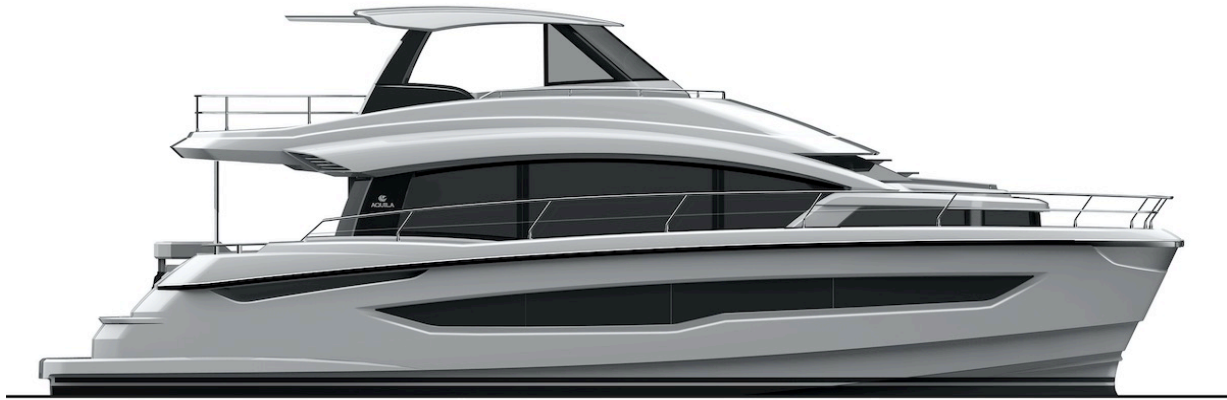




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## AQUILA 54



### STANDARD TECHNICAL DATA

Length overall with hull swim and protection platform	54 ft 2 in / 16.5m
Beam overall	25 ft / 7.62 m
Height above waterline with hard top	19 ft 9 in / 6.02 m
Height above waterline with hard top including radar mast	23 ft 8 in / 7.22 m
Draft without sacrificial keels	4 ft 4 in / 1.32 m
Draft with sacrificial keels	4ft 7 in / 1.4 m
Bridge deck Clearance	3 ft 2 in / 0.96 m
Light displacement	52,900 lbs. / 24,000 kg
Fully loaded displacement	63,700 lbs. / 28,900 kg
Fuel tank standard (approx.)	581 US gal/ 2200 l
Fuel tank optional (approx.)	190 US gal / 720 l
Water tank (approx.)	238 US gal / 1000 l
Holding tank (approx.)	90 US gal / 340 l
CE certification	A:12 ; B:12 ; C:18 ; D:25
Max Speed in Light Ship Conditions (preliminary estimate)	24 mph / 21 Knots
Base Boat Engine - Volvo Penta diesel engines with V Drive gearbox	2 x D6 380hp
Option 1 Engine - 27mph/23.5 knots (Estimated Speed at Light Load)	2 x D6 430hp
Option 2 Engine - 30mph/26 knots (Estimated Speed at Light Load)	2 x D8 600hp

# Standard Specifications

## Exterior Features

### Construction

Vinyl Ester Resin infused hull and deck construction creating high strength and stiffness  
Solid FRP lamination at hull centerlines including all through hulls  
NPG gelcoat with superior UV resistance  
Vinyl Ester Resin infused bulkheads  
All main FRP components Vinyl Ester Resin infused construction including bulkheads  
Bulbous bows integrated into hulls with sacrificial nose cone  
Windows in hull and deck high quality tempered shatter proof glass meeting ISO standards

### Hull and Deck features

Opening deck hatches 6 (carefully positioned to enhance ventilation in cabins)  
Opening ports in hull windows for heads (3)  
Custom built PVC rub rail with 316 stainless steel insert offering all round protection  
Solid Custom deck railing in 316 stainless steel  
2 x comfortable and protected bow seats integrated into deck railing  
10 x mooring cleats in solid 316 stainless steel thru bolted  
Deck fill plates in 316 stainless steel - 2x water; 2 x fuel; 3 x waste  
Bow roller for secondary anchor 316 ss  
Anchor locker with 1700 watt windlass, handheld remote control and custom chain lock  
Well placed ergonomic handrails in 316 stainless steel ensuring secure movement onboard  
Ergonomic transom steps for easy boarding and comfortable lounging off stern  
Transom boarding rails in 316 stainless steel. Located outboard of aft steps  
High visibility navigation lights - port, starboard, stern, anchor & running light  
Engine ventilation intakes with FRP cowling  
Integrated manual retractable swim ladder in 316 ss  
Large starboard bow locker - Waterproof  
Dedicated port bow locker - Waterproof  
Self draining storage locker in aft cockpit floor  
Forward and aft cockpits and side decks all self draining  
Engine access lockers with easy lift gas hinge allowing easy access to engine room  
Aft cockpit with expansive hinging window and door opening to galley  
Aft cockpit bar area with 3 x 316 stainless steel bar stools  
Aft cockpit seating area with dining table which comfortably seats 10  
Forward bow seating for relaxing and socializing  
Integrated aft side boarding step in hull with 316 stainless steel handrail  
Large spacious foredeck for sunbathing  
LED down lighting in aft cockpit  
Variable temperature stern shower located at port aft steps

### **Fly Bridge**

Portuguese style flybridge with walk around forwards of windscreen  
Exceptional flybridge access from two stairway locations  
Main access from aft cockpit  
Handrails conveniently located all around flybridge for secure movement  
Forward flybridge access via integrated steps  
Aft flybridge access via integrated steps  
Forward fixed windcreens with opening vents  
Electronic engine double lever throttle and gearshift control  
Variable position stainless steel steering wheel  
Hydraulic steering  
Compass at helm station  
Marine waterproof speakers located in hardtop  
Spacious comfortable helm seat for 2 people with upholstered seat and backrest  
Comfortable forward facing seats port and starboard adjacent of helm station  
Flybridge table with fold down extensions comfortably seating 9 people  
Upholstered flybridge cushions and backrests  
Wet bar located aft deck area incorporating Corian work surface, sink with hot and cold faucet  
Large storage area under wet bar with 2 x access doors (Optional location for fridge and icemaker)  
Dedicated life raft storage locker at transom area with easy launch  
Lifejacket and safety gear storage under aft cockpit seats  
14 x cup holders located in various areas around flybridge

### **Engine Room**

Engine exhaust to reduce engine emission noise  
Automatic fire suppression heat activated system with alarm monitors at helm station  
Engine room insulation - 50 mm flame retardant polyurethane foam covered with metalized polyester film  
316 stainless steel engine supports  
Engine room lighting  
Automatic electric bilge pump in each engine room with warning light at helm and Nav. station  
Excellent all round engine and systems access for ease of maintenance  
2 x hydraulic steering cylinders

### **Engine Control**

Electronic engine double lever throttle and gearshift control  
Volvo electronic vessel control (EVC) 4" display at helm station  
Electronic start / stop switches at helm station with E key protection

### **Underwater Gear**

Engine V Drive transmission for compact efficiency  
Propeller tunnels for reduced draft and maximum efficiency  
4 blade bronze propeller  
Propeller shaft - 2.16 inch/55 mm machined stainless steel  
Rudders and tiller arm in 316 stainless steel with FRP tube  
Shut off valves on all salt water intakes in engine rooms  
Sea water strainers  
Watertight self aligning dripless shaft seal with 316 stainless housing and self aligning teflon bearing  
Extended bronze P bracket for maximum propeller protection  
Sacrificial keel forward of drive train

### **Technical Features**

Bilge pump warning lights at helm & nav station  
Instrument panels  
Steering, tilt wheel  
Steering wheel, stainless steel

## Interior Features

### Salon

Excellent all round visibility from salon seating  
Vertical shatter proof windows with external overhangs offers excellent visibility and reduced direct sunlight  
Tempered glass door and hinged window access to cockpit offers excellent ventilation and through flow  
Laminate finishes with solid wood trims  
Blinds covering port and starboard side windows  
Overhead LED ceiling lights, LED mood lighting and LED courtesy lighting  
2 x reading lamps  
Panel ceilings with LED lights  
Comfortable open couch seating to starboard  
Settee seating U shape around salon table comfortably seats 8 people  
Salon table  
Large shelves behind settee's  
Cushions in soft easy clean upholstery  
Hidden slide out mini bar in partition (4 cabin version)  
Speakers and sub woofer entertainment system  
Salon converts into 2 x comfortable Single Beds  
Vertical 316 stainless steel handrail in salon and galley  
Synthetic flooring offering maintenance free natural look.

### Galley

Three burner propane hob  
Dedicated Microwave storage location with outlet  
Large double door fridge/freezer  
Single stainless steel sink with Corian worktop cover and single lever variable temperature faucet  
Central island with storage drawers underneath  
Storage cupboards & drawers offering ample storage for all galley accessories  
Durable stain resistant Corian countertop  
Slide out garbage bin under sink  
Overhead LED ceiling lights as well as mood lighting  
LED courtesy floor lighting  
Synthetic flooring offering maintenance free natural look.

### Staterooms

Large windows offering excellent view  
Dedicated hanging locker  
Blinds covering large hull windows  
Concealed shade blind and insect screen on opening deck hatch where installed  
Overhead LED ceiling lighting and floor courtesy lighting  
Overhead LED reading lights  
Aft starboard stateroom convertible bed offering full size bed or separate single beds  
Ample storage lockers and/or drawers under beds  
150 mm/ 6 inch memory foam mattresses  
Synthetic flooring offering maintenance free

Cabin Mattress Sizes - Aft Beds Together = 79.8"L x 61.5"W (202cm x 156cm) Aft Beds Apart = 78"L x 30"W (198cm x 76cm), Fwd. Bed = 80"L x 60"W (203cm x 195cm)

### Heads and separate stall showers

Quiet electric fresh water flush toilet with large bowl and push button control  
Opening deck hatch offering ample ventilation  
Blinds over hull window  
Stylish above countertop wash basins with single lever variable temperature faucet  
Corian countertop surrounding wash basin  
Vanity lockers with mirrors  
Synthetic flooring offering maintenance free natural look  
Separate shower stall with seat and flexible shower faucet (except cabin 4 where shown)  
Acrylic door separating shower from the rest of the bathroom except cabin 4 where shown)  
Automatic shower & sink drain via dedicated sealed sump box  
Overhead LED lighting  
LED nightlight above washbasin

#### **Navigation Area**

Ample navigation work surface for charts and books  
C-Zone Digital Switch panel with transfer switches for all electrical systems  
Dedicated service panel for optional generator, desalinator and inverter control panels  
Dedicated electronics display panel offering easy access and visibility to electronic systems inc optional VHF radio  
Multi zone entertainment system master unit offering multi zone control  
Light switch panel controlling all salon, galley and aft cockpit lighting  
Remote battery switches for all batteries on service panel

#### **Water System**

Fresh water pressure pump with accumulator tank offering equal water pressure throughout  
Backup fresh water pump  
2 x 21Gal/80 l hot water cylinders powered by engine heat exchangers and AC power  
2 x 132 Gal / 500 L connected water tanks  
Water tank level gauges

#### **Waste System**

Grey water from showers and sinks collected in 2 x sealed sump box's and automatically discharged overboard  
Black water holding tanks discharged via deck pump out or overboard with macerator pumps  
Black water tank level gauges

#### **Electrical**

C-Zone digital switching system  
Master control panel for 12v and shore power service  
Remote battery master switches at panel  
House batteries 5 x 200 amp/hour AGM technology in dedicated battery locker  
Dedicated engine batteries 2 x 200 amp/hour AGM technology  
Shore side electrical system  
AC power supplied by 2 x 50 Amp 125/250V shore power cables  
Galvanic isolator protector system

#### **Fuel system**

Diesel fuel system with Racor water separation filters  
Dedicated fuel tank for each engine  
Fuel filters - Racor  
Aluminum fuel tanks with safety shut off valves and level monitors

#### **Safety**

Automatic fire suppression heat activated system with alarm monitors  
Bulbous bows integrated into hulls with sacrificial nose cone  
Small safety bulkheads bonded in close to transom as a safety barrier  
Owners Operating Manual  
CE Certification

*"Sino Eagle reserves the right to change specifications and pricing without notice"*

**\*\*All above listed Standard Specifications are preliminary and subject to change\*\***

AQUILA 54 | 10.28.19